

AMENDMENTS TO THE CLAIMS:

Please amend claims 20, 21, 27, 28, 29, 30, 31, 33, 35, 36, 37 and 38, as shown below.

This listing of claims will replace all prior versions and listings of claims in the Application:

Claims 1-19 (cancelled).

Claim 20 (currently amended): An external module for installation into a mobile communication terminal, said external module comprising:

 a collection mechanism for communicating with said mobile communication terminal to collect information from said mobile communication terminal relating to an internal state of said mobile communication terminal during execution of a communication protocol sequence; and

 a storage mechanism for storing therein information that has been collected by said collection mechanism.

Claim 21 (currently amended): An external module according to claim 20, further comprising:

 protocol execution mechanism for requesting said mobile communication terminal to execute [[a]]said communication protocol sequence.

Claim 22 (previously presented): An external module according to claim 21, wherein said protocol execution mechanism includes a mechanism for requesting the execution of said communication protocol sequence based on information that has been stored in said storage mechanism.

HAYES SOLOWAY P.C.
3450 E. SUNRISE DRIVE,
SUITE 140
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

Claim 23 (previously presented): An external module according to claim 21, wherein said communication protocol sequence is a communication protocol sequence that is performed by radio between a mobile communication terminal and a base station.

Claim 24 (previously presented): An external module according to claim 20, further comprising:

 stored information processing mechanism for processing information that has been stored in said storage mechanism.

Claim 25 (previously presented): An external module according to claim 24, wherein said protocol execution mechanism includes a mechanism for requesting the execution of a communication protocol sequence based on information that has been processed by said stored information processing mechanism.

Claim 26 (previously presented): An external module according to claim 20, wherein said external module is any one of a SIM card, a USIM card, and an IC card having higher specifications than a SIM card or USIM card.

Claim 27 (currently amended): A mobile communication terminal into which an external module is installed, said mobile communication terminal comprising:

 an acquisition mechanism for acquiring information from said mobile communication terminal relating to an internal state of said mobile communication terminal during execution of a communication protocol sequence; and

 an output mechanism for supplying information that has been acquired by said acquisition mechanism to said external module where the information is stored.

Claim 28 (currently amended): A mobile communication system comprising:

 a mobile communication terminal; and

HAYES SOLOWAY P.C.
3450 E. SUNRISE DRIVE,
SUITE 140
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

an external module for installation into said mobile communication terminal;
wherein said mobile communication terminal comprises:
an acquisition mechanism for acquiring information from said mobile communication terminal relating to an internal state of said mobile communication terminal during execution of a communication protocol sequence; and
an output mechanism for supplying information that has been acquired by said acquisition mechanism to said external module;
and wherein said external module comprises:
a collection mechanism for collecting information from said mobile communication terminal that has been supplied by said output mechanism of said mobile communication terminal; and
a storage mechanism for storing therein information that has been collected by said collection mechanism.

Claim 29 (currently amended): A method for testing communication protocol in a mobile communication terminal, an external module being installed into said mobile communication terminal, said method comprising the steps of:

requesting said mobile communication terminal, by said external module, to execute a communication protocol sequence;
executing, by said mobile communication terminal, said communication protocol sequence in accordance with said request by said external module;
acquiring, [[by]] from said mobile communication terminal, information relating to an internal state of said mobile communication terminal during execution of a communication protocol sequence;

HAYES SOLOWAY P.C.
3450 E. SUNRISE DRIVE,
SUITE 140
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

supplying, by said mobile communication terminal, the acquired information to said external module;

collecting, by said external module, information that has been supplied by said mobile communication terminal; and

storing, in said external module, the collected information.

Claim 30 (currently amended): A method according to claim 29, wherein said step of requesting to execute [[a]]said communication protocol sequence includes requesting, by said external module to execute said communication protocol sequence based on information that is stored.

Claim 31 (currently amended): A method according to claim 29, wherein said step of executing [[a]]said communication protocol sequence includes execution by said mobile communication terminal of a communication protocol sequence by radio with a base station.

Claim 32 (previously presented): A method according to claim 29, further comprising a step of processing information that is stored in said external module.

Claim 33 (currently amended): A method according to claim 32, wherein said step of executing [[a]]said communication protocol sequence includes requesting, by said external module, execution of a communication protocol sequence based on information that has been processed.

Claim 34 (previously presented): A method according to claim 29, wherein said external module is any one of a SIM card, a USIM card, and an IC card having higher specifications than a SIM card or a USIM card.

Claim 35 (currently amended): An external module for installation into a mobile communication terminal, said external module comprising:

HAYES SOLOWAY P.C.
3450 E. SUNRISE DRIVE,
SUITE 140
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

a test program execution unit for performing test programs;
a collection mechanism for communicating with said mobile communication terminal to collect information from said mobile communication terminal relating to an internal state of said mobile communication terminal during execution of test programs on said test program execution unit; and
a storage mechanism for storing therein information that has been collected by said collection mechanism.

Claim 36 (currently amended): A mobile communication terminal into which an external module for executing test programs is installed, said mobile communication terminal comprising:

an acquisition mechanism for acquiring information from said mobile communication terminal relating to an internal state of said mobile communication terminal during said test programs; and

an output mechanism for supplying information that has been acquired by said acquisition mechanism to said external module where the information is stored.

Claim 37 (currently amended): A mobile communication system comprising:

a mobile communication terminal; and

an external module for installation into said mobile communication terminal;

wherein said mobile communication terminal comprises:

an acquisition mechanism for acquiring information from said mobile communication terminal relating to an internal state of said mobile communication terminal; and

an output mechanism for supplying information that has been acquired by said acquisition mechanism to said external module;

HAYES SOLOWAY P.C.
3450 E. SUNRISE DRIVE,
SUITE 140
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

and wherein said external module comprises:

a test program execution unit for performing test programs;

a collection mechanism for collecting information from said mobile communication terminal for test programs executing on said test program execution unit that has been supplied by said output mechanism of said mobile communication terminal; and

a storage mechanism for storing therein information that has been collected by said collection mechanism.

Claim 38 (currently amended): A method for testing communication protocol by executing test programs in a mobile communication terminal, an external module being installed into said mobile communication terminal, said method comprising steps of:

requesting said mobile communication terminal, by said external module, to execute a communication protocol sequence;

executing, by said mobile communication terminal, said communication protocol sequence in accordance with said request by said external module;

acquiring, [[by]] from said mobile communication terminal, information relating to an internal state of said mobile communication terminal;

supplying, by said mobile communication terminal, the acquired information to said external module;

collecting, by said external module, information that has been supplied by said mobile communication terminal as part of said test program; and

storing, in said external module, the collected information from said test program.

HAYES SOLOWAY P.C.
3450 E. SUNRISE DRIVE,
SUITE 140
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567